

**United States Environmental Protection Agency  
Region IX  
POLLUTION REPORT**

**SFUND RECORDS CTR  
2163330**

**Date:** Friday, April 14, 2006

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**Subject:** RP MARSIIM Survey and EPA Lead Removal  
Chino Airport Radium Dial  
7000 Merrill Ave., Chino, CA

<b>POLREP No.:</b>	6	<b>Site #:</b>	09MU
<b>Reporting Period:</b>	06/25/2005-04/14/2006	<b>D.O. #:</b>	
<b>Start Date:</b>	3/10/2005	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	3/10/2005	<b>Response Type:</b>	Emergency
<b>Completion Date:</b>		<b>NPL Status:</b>	Non NPL
<b>CERCLIS ID #:</b>		<b>Incident Category:</b>	Removal Action
<b>RCRIS ID #:</b>		<b>Contract #</b>	

#### **Site Description**

The San Bernardino County Department of Airports (SBCDA) contractor removed all of the dials and other items from Building A-465, Hangar 11 to Building B-320, Hangar 12. All radium containing materials and surface contaminated objects have been packaged for disposal.

#### **Current Activities**

SBCODA implemented the MARSIIM survey plan for Building A-465 in September and October 2005. The red tag on Building A-465 was removed after the SBCODA's contractor conducted a MARSIIM survey that documented contamination levels were below the action levels defined in the MARSIIM plan.

The MARSIIM survey for Building A-320 was conducted in October 2005. The START are currently reviewing and making comments to the final reports for both buildings.

On February 13, 2006, SBCODA was notified that they were in violation of the Order for failure to

dispose of the waste in a timely manner and for failure to provide the MARSIIM Final Status Reports in a timely manner. On March 27, 2006, SBCODA was issued a second notification that they were in violation of the Order for failure to dispose of the waste in a timely manner. This at the request of the SBCODA led to negotiations between the EPA and SBCODA for EPA to take over the removal action.

On April 9, 2006, OSC R. Wise initiated removal operations at the airport. EPA began the removal with spot checking some of the drums packed by the SBCODA initial contractor, New World Technologies (NTW) to insure that the drums contents were as marked. However after opening three of the the first 32 drums, it was obvious that the drums contained mixed waste that were not properly segregated from the radium containing materials. This resulted in ERRS repackaging and segregating all 32 drums to insure that no drums containing mixed waste were in these drums. Approximately two dozen drums containing liquid chemicals were discovered in these drums.

Information provided to EPA indicated that NWT did not remove the chemical wastes from the drums when they were packaged originally. This would result in extensive extra costs to process these drums as mixed waste. To mitigate this costs, ERRS removed all of the chemical wastes from these drums. This resulted in one drum of mixed hazardous waste being generated instead of 21 drums of mixed waste. This resulted in a substantial cost savings as one drum of radium contaminated drums cost approximately \$650.00/drum for disposal and one drum of mixed waste cost approximately \$12,000/drum to dispose of.

On April 14, 2006, 54 drums containing the radium contaminated materials were transported off-site to the U.S. Ecology facility in Richland, Washington.

### Planned Removal Actions

All on-site removal actions are anticipated to be completed by the evening of April 14, 2006.

### Next Steps

1. Off-site transportation of the surface contaminated objects to U.S. Ecology in Grandview, ID.

### Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	\$0.00	\$0.00	\$0.00	0.00%

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

[www.epaosc.net/Chino\\_Aiport\\_Radium\\_Dials](http://www.epaosc.net/Chino_Aiport_Radium_Dials)